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Patent  
Attorney's Docket No. 032287-001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Johann PFEIFFER )  
Application No.: 08/981,519 ) Group Art Unit: 2731  
Filed: March 17, 1998 ) Examiner: Unassigned  
For: METHOD OF BI-DIRECTIONAL )  
DATA TRANSMISSION OVER A )  
TWO-WIRE LINE )

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicant hereby submits copies of documents which were cited in a recently issued November 12, 1996 search report and a corresponding Austrian Patent Application, in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

**U.S. Patents**

|             |          |                  |
|-------------|----------|------------------|
| ✓ 4,841,521 | 06/20/89 | Amada et al.     |
| ✓ 4,796,255 | 01/03/89 | Westbrook et al. |

**Foreign Patents**

|               |          |               |
|---------------|----------|---------------|
| ✓ A 1087/95   | 07/07/95 | Austria       |
| ✓ 2 145 609 A | 08/2224  | Great Britain |
| ✓ 0 426 961   | 08/29/90 | Europe        |
| ✓ 3632710A    | 03/31/88 | Germany       |

Other Documents

International Search Report dated November 12, 1996

- ✓ 1994 IEEE Singapore International Conference on Communication Systems, ISBN 07803-2046-8, Pages 571-575, Vol. 2
- ✓ 1994 IEEE Transaction on Vehicular Technology, Vol. 43, No. 4, Wai-Choong WONG et al., "Shared Time Division Duplexing: An Approach To Low-Delay High Quality Wireless Digital Speech Communications", pages 935-936
- ✓ 1981 IEEE Transactions on Communications, Vol. Com-29, No. 11, Nobuo INOUE et al., "Time-Shared Two-Wire Digital Subscriber Transmission System and Its Application to the Digital Telephone Set, pages 1565-1572.

The documents are being submitted within 3 months of the filing, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

Applicant hereby requests that the accompanying information disclosure statement be considered and made of record in the application identified in caption.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialled copy of this form be returned to the undersigned.

Respectfully submitted,

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